

Abstract of the Disclosure

As prior art systems fail to produce end-to-end transport and routing mechanisms capable of secure, accurate, and timely delivery of real-time media, the present invention prescribes the method and process to facilitate server-less, IP based sessions across all of public and private network infrastructure without regard for network hardware or carrier makeup. The method and process claimed herein defines the application of well known standards in a unique fashion so as to facilitate transportation of TCP and UDP packets associated with a real-time multicast session in a secure manner while achieving unencumbered access through firewalls and across multiple carrier, public networks through IPSec based virtual networking.